Drags Under Failing OLAA JAPANESE INVENTS Drags Under Failing Interest

Experts Doubt Ability of British Colonies to Fulfil Large Contracts

Only ninety thousand bags raw su-Only ninety thousand bags raw sugar sold at New York during the week ending July 20. Willett & Gray's report in part gives Cuban receipts, 9971 tons, against 13,661 tons last week, 24,792 tons last year and 17,000 tons in 1914. Exports, 38,431 tons; stock, 597,390 tons, against last year 531,000 tons. 581,000 tons.

Centrals grinding 11, against 12 last week, 11 last year and 5 in 1914. Stocks in the United States and Cubs together of 898,576 tons, against 925, 767 tons last week and 1,914,457 ton. last year, a decrease of 115,881 ton. from last year. Raw Market Dull

The week under review has been dul and uninteresting for the most part. The demand for refined has proved disappointing, and refiners consequently stopped purchasing raws at 6,40c.

This withdrawal of refiners from the

raw market had a discouraging effecton Cuban holders, and offerings gradually increased at 6.40c, 6.33c and the

Even at the concession to 6.27c, refiners continued to hold off, and it was not until 6.145c was reached that busi ness resulted. The sales at 516c c. & f were made on Tuesday, and consisted of two lots, one in port and one affont Sales in Small Lots

The market continued firm at the de cline to 6.145c with buyers, but no sugars being obtainable operator raised their bids to 6.27c, and 21,00 bags affoat Cubas were taken at thi quotation. It is understood that thes purchases have been influenced by a renewed demand on the f. o. b. Cub. basis at about 5c f. o. b. Cuba. A close the market is firm, with buyer at 6.27c, but with sellers at 6.40c fo July and 6.46e for August.

Porto Rico sugars were sold to an outport at 6.27e, and the week close nominally unchanged for these sugars Sales, however, could not be made un less at a decline from this quotation There are some 20,000 tons of Port-Ricos still unsold. With a crop estimat ed at 400,000 tons, and with arrival at Atlantic and Gulf Ports of 345,30 tons, leaves a balance of practicall 55,000 tons, part of which is sold to refiners for shipment, and part of which is for home consumption.

Our Sugars Arriving. Hawaiian sugars are arriving stead, the total arrivals at Atlantic Port ly, the total arrivals at Atlantic For-thuk far totaling 123,070 tons. This about half the full quantity destine-to these ports. It will be remembered to these sugars new arrive overlan-

by rail from San Francisco. Several shipments of Philippine sugars are to be shipped overland by rail from San Francisco. One lot ha already arrived at New York, Recent ly there has been quite some netivit; in Philippine sugars, some 17,000 ton having been sold at 4.70c, basis 88 deg part to an outpert refiner.

Full-duty sugars, such as San Domin gos, Costa Ricas, Venezuelas, &c., havalso declined in sympathy with Cubans last sales being at 5 %c c.i.f., after sell ing at he c.i.f.

The Cuban Situation. The week's receipts of 9,971 ton have increased the visible productio to 2.886,743 tons, against last year visible at this time of 2,387,728 tons The quiet markets prevailing are reflected in the small exports of only 38,431 tons total, destined 30,761 ton to the U. S. Atlantic Ports, 4,941 ton to New Orleans and 2,729 tons to Europe. Stocks are 597,390 tonagainst 581,000 tons last year. Elever Centrals continue work, the same num ber as last year but one less than las Weather continues favorable Great Britain.

The Allied Countries now at wahave held a conference at which it was recommended to deny to enemy power. during the period of reconstruction after the war "most favored nation" treatment regarding enemy commerce and to further enact anti-dumping duties, etc. Also for a development of the resources of the Allies in the fol lowing peace period, so as to be in dependent of enemy countries as far as raw materials and manufactured act cles are concerned. Following up this idea, the representatives of the Britisl augur producing colonies have met at London and have adopted suggestions which they hope to get the home gov

ernment to promulgate.

The main idea is to have a prefer ential tariff in the U. K. for British grown sugars and to get the necessary capital to extend the sugar industry in the various colonies. The scheme if enacted, will naturally have a fur-reaching effect on the entire sugar world, but it seems hardly possible to increase the production of the British Colonies (not including India, whose crop is consumed locally), from 880,000 tons 46 4,541,000 tons in any short period of time.

These figures are the ones mentioned as the capacity of the various colonies in reports from their governments, and as printed by us in our issue of April

Some British Plans

One report from Glasgow this week amount of new business, at this basis. mentions the possible increase of the Withdrawals have been fair. The most important news occurring in view of the above plan, as the British refining ability is only about half the consumption. New capital could be easily attracted if European Beet refined is to be excluded. Will the low prices expected to be named by the Teuton beet producers grove too much per pound refining about beet producers grove too much per pound refining this market has been quiet and understood the Commission pays le per pound refining the market has been quiet and understood the Commission pays le per pound refining the market has been quiet and understood the consumption. All refiners quote the moderate during most of August.

The most important news occurring during this week is the reports of the than 6.15. Holders of Porto Ricov on the August delivery, with a first of the most important news occurring the moderate and understood the consumption. New capital could be string this mode in the inhand trade to the manage write-shired in t capacity of one of the Clyde refineries

and Plantation News

HARVESTING MACHINE

O. B. Tsuji of 11 miles, Olan has inrented a sugar cane harvester and is applying for a patent. Mr. Tsuji writes as follows concerning his harvester;

"The production of successful cane harvester presents no insuperable ob-stacles when we consider the development in other lines of agricultural ma chinery and in machines which handle the products of agriculture.

"Everyone is familiar with the Mc-Cormick reapers and binders, but not every one may know that there are nachines in wide operation in the canning industry which take green peas, vines and all into the hopper and turn bem out shelled, cleaned, and ready for the can, a different invention, of course, but one that twenty years ago would nave been regarded as wholly impossible.

Has Spent Three Years

Three years ago, while visiting a cane-cutting on one of the fields of he Olan Plantation, I heard some one peaking of cane harvester. Since hen I used part of my evening hours or the invention of the harvester, and perfected it two and half months ago while at the College of Hawaii. I will predict that as surely as the sun rises omorrow, my cane-harvester will begin o supplant the present "cane-knives," and that you will find these machines working successfully in every augar plantation in the near future.

serves Fair Notice

"I have not written this article simoly to inform the readers that I have nvented a cane harvester. No, no, no. have no purpose of that sort. My hier aim in this article is to inform o all the readers and persons connected with sugar industry who are seeking or a better method of hatvesting their rops, that the present method of cut-ing cane will be greatly improved and economized at the appearance of

ny sugar-cane-harvester.
"I will either make my application for patent next month or prolong it intil the present war ceuses for various reasons I might choose the latter. For fear of public disclosure or introluction of the invention, I will notive here detail information of the arvester. To that end I will give sere only information of its size and

nventor's Claims

The harvester does not occupy a large A driver can easily operate it with

he aid of a single horse. It can be manufactured from \$100 o \$500 each according to its size.

It can be operated on level fields as

vell as on hilly or slopy lands. The machine will, cut every cane from one to one and half inches above he soil and at least one half inch be-ow the "cane top." The differences a the length of cane and surface of he ground will in no way interfer it

from doing its proper cuttings. Each harvester will at least cut and oundle from twelve to eighteen times is much as a man can do with his cane-knife.

My model here at 11 miles, Olna, has ully demonstrated its practicability and I doubt not that my harvester will t least save a million dollars annually or the sugar industry, and the patent tself will at least amount to one teath f the amount saved when application is ompleted at the patent office.

ONOKAA OVERRUNS ESTI-MATE: PACIFIC BELOW

Honokan mill finished grinding the 916 crop last Saturday but will not et the low grades dried off until the and of this week. Honokan's crop has ained out 225 tons over the manager's stimate and Pacific Sugar Mill ons under the estimate.

Omitting the few tens to be dried ff, Honokan Sugar Company's crop is 225 tons, the estimate having been 000 tons. Pacific has harvested 5625. ons, the estimate having been 5940

mly a one-horse plantation and if the mill runs, field work has to that lown." If Manager Weinzheimer is to be believed his great plantation is like Mark Twain's steambout that and to anchor whenever the engineer blew the whistle because there was not steam enough to work the paddle wheel and the whistle together.

Kekaha Overruns Estimate

Kekaha Sugar Company will finish grinding its 1916 erop Thursday or Friday. H. Hæckfeld & Co. stated yeserday that the yield will be a full thousand tons more than the munager's estimate.

Manager W. W. Goodale of Wainlun eports water conditions exceptionally favorable. The big dam is almost full, litches are running and reservoirs level full.

Alexander & Baldwin report weather and labor conditions good on all their dantations.

The most important news occurring

LARGEST BRONZE CASTING EVER MADE IN HAWAII

ameter. The bronze tube sheets, one of which is so we below, each weighs 6,000 pounds. These are the largest and heaviest bronze castings ever made here.

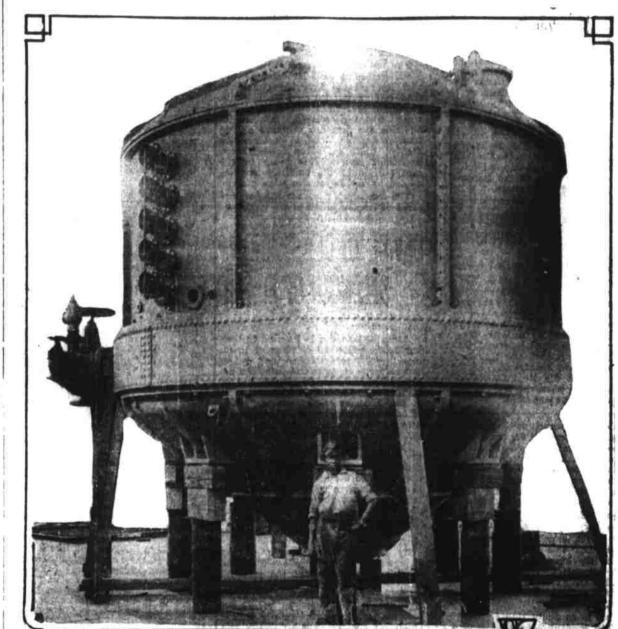
This pan will turn a strike of fifty tous of dried su. ... face distributed among 4 inch copper tubes in the calandria. The total weight of the pan and its accessories is

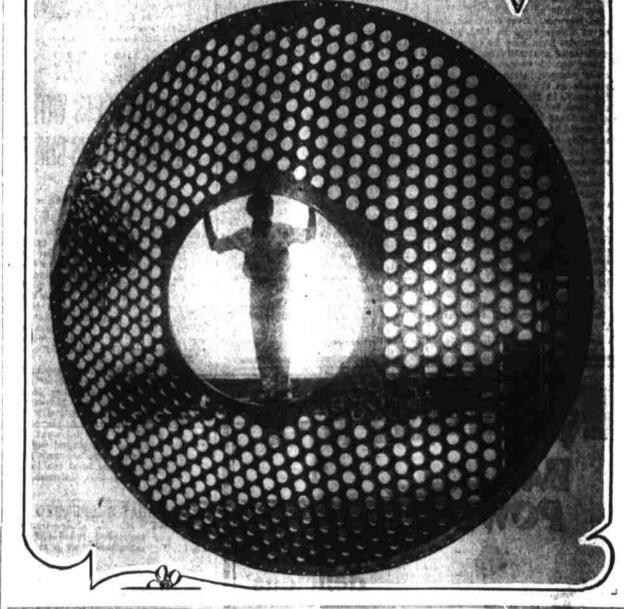
of low pressure steam; and, large disengaging surface. The restort discharge gate-valve is also a special feature. It is similar in type to the pan recently installed at Kahuba population, which is giving great satisfaction.

TE big pen shown above built for Hawaliah Comment of 1 A Sugar Company by Catton, Neill & Company is the largest ever built in Hawali. It is 15 feet 4 is started dameter, the tube sheets 16 feet outside di-

harze. It has 1200 square feet of heating sur-

The special features of this pan are its forge diamet : I we boight; large heating surface permitting the use





of the agencies cabled Saturday night July 29, that sales during the work were 15,000 bags Porto Ricos, 70,000 bags Cubas. A sale of 20,000 tons. raws at 5 cents f. o. b. Cubn was also reported.

New York Sugar The New York correspondent of on MINDORO PROSPECTS ARE REPORTED BRIGHT

Experts Inspect Waianae

John P. Foster, chief engineer of dani Agricultural; C. J. Hedemann and W. G. Hall of the Honolula Iron Works, and George F. Renton, manger of Ewa plantation, inspected Weinne plantation and mill Monday. C. J. Hedemone, manager of the Ho C. J. Hedemann said yesterday that no The market was unsteady at the module from Weeks Company has re-con speak too highly of the splenclose, 12,000 bags Cubas in part, were cover report from the Par did organization in all branches of being offered at 6.15; and 100,000 bags treated teports the Milliand by Walth production at Waignae. Mill and at 6.27 with buyers not venturing more Thirdbild & Company, stating that the binding house are doing fine work, he

H. S. P. A. CHEMIST **NORRIS** IS KANALUA

Questions Originality Of Pineapple Discoveries Claimed By **Director Of Federal Station**

R. S. Norris, assistant chemist of the Hawniian Sugar Planters' experiment station takes issue with J. M. Westgate, agronomist in charge of the Hawaii experiment station, as to the originality of the discoveries made at the latter institution in connection with the treatment of sick paneapples grown on mangamene so.lc Last a ght Doctor Norris gave out the following interview: "The Star Bulletin must have quot-

ed Mr. Westgate wrong when it made him say in concertion with the recently described experiments on pineapples that until Johnson succeeded in his efforts to recive the vellowing pineapple plants he had never heard of crop of any sort that had been successfully red through its leaves. It is a departure from established practiseabsolutely a new method'.

t! Aside from the fact that feeding plents through their leaves is common agricultural practise for producing certain effects. Mr. Wespate must know of the work of Gile in Porto Rico five vears ego in which chlorotic pineapple plants were made green by spraying hem with iron sulphate sciution.

"In this connection also, it would be of interest. I think, to your readers, to have Mr. Westgate explain it wherein the experiments being carried on here are a discovery as I know this is puzzling a number of people interested in the subject", Mr. Norris said.

CALAMBA MANAGER CAMPION WILL STUDY CUBAN MILLS

Norman M. Campion manager of Ca. nmbn Sugar Fetates, P. L. left yester by on the Lucine for Cuba, after a week spent in inspecting agricultural conditions on Onhu plantations.

"'Onne production is on an entirely different basis in the Philippines from but it is in Huwnii." he said yester "Che familiar with cane prac times in Hewnii can form no judgement of what is best practise in the Philip pines. Our cane is hard and tough, more like bamboo but with high sucone content. It mills different, From what I have beard about Cuba, I think I rhaps ogricultural and willing conditions are more similar, and hence I ex post to spend some time there, getting pointers to better our conditions."

Pepeekee Exceeds Estimate Percekee will dinish its 1916 har est this weeks O Brewer & Company stated yexterday that the outtarn will be 8:00 rous, the manager's estimate the Texas, new loading, will leave Hile having called for 9000 tous, or 300 Vagost 8 with 14,000 tous. She goes tous to the good. This is a welcom: 'o Port Allen, thence to Kahalui, Kansurprise following the statements made some weeks men that all the plants below their estimated yields.

QUICK RELIEF OF ITCLING ECZEMA

Was Surprising - Inflammation Re-duced in a Few Hours and Cure Soon Followed - Doy's Torture had been intense for Years-Friend's Child had Eczema, Too.

MOTHER TELLS HOW CUTICURA CURED DOTH

"When my boy was six years old, he suffered terribly with occema." He could neither sit still nor lie quietly in bed, for the fixhing was dreadful. He would irritate epots by scratching with his nails and that only made alsem worse. A doctor treated him and see tried almost everything, but the execute seemed to spread. It started in a small place on the lower extremities and spread of or two years until it very nearly covered the back part of his leg to the kince.

"Finally I got Cuticura Soar, Cetticura Olutment and Cuticura Pills and gave them according to directions. I used them in the morning and that evening, before I put my boy to bed, I used them again and the improvement even in those few hours was surprising, the inflamination seemed to be so much less. I used two boxes of Cuticura Cintment, the same of the Pills and the Boap and my boy was cured. My son is now in his seventeenth year and he has never had a return of the exema.

"I took care of a friend's child that had exema on its face and limbs and I used the Cuticura Soap and Ointment. They seeded in the child fust as they did on my son and it has nover returned. I would recommend the Cuticura Remedies to anyone. Mrs. A. J. Cochem., 1823 Columbia Ave., Philadelphia, Pa., Oct. 20, 1908."

FOR SKIN HUMORS

Torturing, disfiguring patches of humor on the skin, scalp or hands are instantly relieved and speedily cured, in the majority of cases, by warm baths with Cuticura Soap and gentle anointings of Cuticura Cintiment. For eccesions, rathes, itchings, irritations, inflammations, dandruff, dry, thin and falling bair, for manative, antiseptic cleansing and all purposes of the boilet, these pure, sweet, gentle emollients are unrivaled. Cuticura focas Gas he Cesase the Skin outcura Removes to the content of the content

Matson Steamer Loads Sugar There And Experiences No. Trouble With 'Undertow'

(Mail Special to The Advertiser.) HILO, July 31 - The Matson steamer Enterprise took up its berth at the Kuhio Bay wharf on Saturday last and remained there for some time loading sugar direct from the wharf and also from scows alongside.

The vessel lay alongside with hardly a perceptible movement; in fact, her mooring lines were slack, particularly those fastened from the vessel to the bucys off shore. The stern mooring line fastened to the buoy was so slack that the grenter portion of it by under water, a fact which was noted by sev-eral persons who happened to visit the wharf shortly after luncheon while the auterprise still lay alongside. So much under water was this particular due that Captain Mosher, the harbor moster, while cruining around the harour in his launch, crossed over the me without striking same.

The lack of mover out in the Enterprise while she my clongside the want was another demonstration of the safety of Kubio Bay wharf and the comemonstration, taken in conjunction with the recent demonstration given by the large vil steamer, the Santa Marin, which has alongside the wharf for more than twenty-four hours, without the sligs test ireuble, londing moins ses, is expected to go a long way towards continuing the detractors of the wharf and contitions have changed sufficiently to varrant them in changing their episions. The captain of the Santi main, George Curtis, ridiculed the men of there being any undertow ourng the time his vessel. undertow during the time his iny along the the whart, and be was there quit may enough to be able to speak with a me authority. He took on bourd more than, three thousand tons of mel sees while moored to the wharf and experienced not the slight-est difficulty. in such as he remarked, he could not expect anything better.

SUGAR ON HAWAII

The following sugar, by bags and plantations, is reported by the Mauna Ken as awaiting shipment on Hawali: Honomu Makalan Laupahoèhoe Kaiwiki

Panuhau

Sugar Factors Sailings A. M. Nowell, manager of the Sugar "ctors' Company, said yesterday that apub and Hile. The Mexican left tile July 28 with a 43,600 ton earge alurd at \$1,700,000.

Pioneer Pleases Weinzheimer Oshu Sugar Company and Pioneer ill run their mills on reduced speed luring August in order that full gauge f men can work at the planting and oltivation.
Manager L. Weinzheimer remarked

---The fact that maple sugar production a the province of Quebec, Canada, is increasing rapidly is due to establish-ment there of three schools devoted to eaching farmers how to make it.

esterday that "of course Proneer is

TENYO AND SHINYO ARE **BOUND TO THE ISLANDS**

A cablegram to Castle & Cooke, T. K. K. agents said that the T. K. K. steamer Tenyo Maru sailed from Yokohana, July 31, Oriental time, for Honolulu and San Francisco, with 200 Filipinos, among others, for this port. A cablegram to the Yamamoto store said that in her cargo was 7000 bags of Japan rice. The Tenyo is due here next Wednesday and will depart the following nesday and will depart the following day for San Francisco. Five professors of the Imperial University are passengers. Dr. Hoga will remain bere in connection with the schoolbook

The T. K. K. chartered steamer Shinyo Maru No. 2 also sailed from Yokohama for Honolulu July 31, accord-ing to a cablegram received by Yama-moto. She is due here August 14 or 15. The Osaka Shosen Kaisha ateamer Panama Maru, which sailed from Yokohama July 24, has between 1000 and 1100 tons for Honolulu, according to a cablegram to Castle & Cooke. She is due here about next Monday, three days ahead of schedule.

The Maritime Register shows the American bark Star of Holland as hay-Honolulu July 7, not July 10, as formerly reported. She is a vessel of 1987 tons net. Captain Gunderson is master.

The Peruvian back Belfast, reported from Chile, sailed from Mejillones July 10 for Honolulu. She is of 1810 tons act. Captain Lumberas is muster.

Mayor James Rolph, of San Franisco has written the promotion committee assuring it of his personal support of Pineapple Day.